



Agriculture Across Michigan

Farm Production Expenditures Up More than 1 Percent

Farm production expenditures in the United States are estimated at \$357.8 billion for 2019, up from \$354.0 billion in 2018. The 2019 total farm production expenditures are up 1.1 percent compared with 2018 total farm production expenditures. Nine expenditure items showed an increase from previous year, while seven showed a decrease, and one remained the same.

The four largest expenditures at the United States level total \$179.8 billion and account for 50.3 percent of total expenditures in 2019. These include feed, 16.6 percent, farm services, 12.0 percent, livestock, poultry, and related expenses, 12.0 percent, and labor, 9.7 percent.

In 2019, the United States total farm expenditure average per farm is \$177,564, up 1.4 percent from \$175,169 in 2018. On average, United States farm operations spent \$29,478 on feed, \$21,240 on livestock, poultry, and related expenses, \$21,240 on farm services, and \$17,270 on labor. For 2018, United States farms spent an average of \$26,622 on feed, \$21,822 on farm services, \$22,911 on livestock, poultry, and related expenses, and \$16,775 on labor.

The United States economic sales class contributing most to the 2019 United States total expenditures is the \$1,000,000 - \$4,999,999 class, with expenses of \$113.7 billion, 31.8 percent of the United States total, up 0.3 percent from the 2018 level of \$113.3 billion. The next highest is the \$5,000,000 and over class with \$97.9 billion, up from \$92.5 billion in 2018.

The Midwest region, which includes Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin contributed the most to United States total expenditures with expenses of \$111.5 billion (31.2 percent), up from \$104.7 billion in 2018. Other regions, ranked by total expenditures, are the Plains at \$87.9 billion (24.6 percent), West at \$79.5 billion (22.2 percent), Atlantic at \$42.1 billion (11.8 percent), and South at \$36.8 billion (10.3 percent). The Plains decreased \$3.82 billion from 2018, which is the largest regional decrease.

For further information on USDA farm expenditures, please visit https://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php

Farm Real Estate Values and Cash Rents

The 2020 average Michigan farm real estate value, including land and buildings, averaged \$4,950 per acre. Farm real estate values in Michigan were down 0.2 percent from 2019. Michigan is in the Lake States region, which also includes Minnesota and Wisconsin. The Lakes States region value was \$4,860 per acre, down 0.8 percent from 2019. The value of farm real estate in States bordering Michigan were: Wisconsin, \$4,850 per acre; Ohio, \$6,350 per acre; and Indiana, \$6,600 per acre.

Michigan's cropland value decreased slightly from the previous year to \$4,480 per acre. The Lake States region experienced a 0.6 percent decrease to \$4,730 per acre. The

average value of cropland in the United States remained steady from 2019 at \$4,100 per acre. Michigan's pasture value was \$2,600 per acre, up 0.4 percent from 2019.

Michigan's cropland cash rent was \$128.00 per acre in 2020, up \$1.00 from the previous year. Cropland cash rents in the Lake States remained unchanged from last year at \$153.00 per acre. The cropland cash rents in the States bordering Michigan were: Wisconsin, \$146.00 per acre; Ohio, \$156.00 per acre; and Indiana, \$194.00 per acre.

Pasture cash rents in the Lake States region decreased 12.7 percent to \$27.50 per acre. Pasture cash rent in the United States was \$13.00 per acre.

August 1 Crop Forecast

Michigan growers anticipate harvesting 330,000 more acres of corn for grain and 570,000 more acres of soybeans this year than they did last year. This report is based on conditions as of August 1, 2020. Michigan corn producers expect a yield of 168 bushels per acre, up 21 bushels from the previous year. Production is projected to increase 38 percent from last year. Soybean production in the State is expected to total 117 million bushels, up 68 percent from a year earlier. The yield is forecast at 51 bushels per acre, a 10.5 bushel increase from 2019. Winter wheat production in Michigan is expected to total 37.0 million bushels. The

yield is forecast at 77 bushels, up 6 bushels from last year's yield. Producers of dry beans are expecting their crop to yield 2,300 pounds per acre, up 270 pounds from last year. Production is expected to increase by 60 percent from 2019.

The Michigan 2020 apple production forecast is 920 million pounds, down 3 percent from last year. The Michigan peach production forecast is 5,500 tons, up 15 percent from last year. The U.S. apple production forecast is 10.7 billion pounds, down 3 percent from the previous year. The national peach crop forecast is 645,500 tons, down 5 percent from last year.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2019 - 2020

Commodity	Michigan		United States	
	2019	2020	2019	2020
Beans, dry				
Planted 1,000 acres	185	258	1,287.4	1,628.0
Harvested 1,000 acres	180	255	1,176.5	1,571.0
Yield Pounds	2,030	2,300	1,769	2,088
Production 1,000 cwt	3,662	5,865	20,811	32,807
Corn, all				
Planted 1,000 acres	2,000	2,300	89,700	92,006
Corn, grain				
Harvested 1,000 acres	1,610	1,940	81,322	84,023
Yield Bushels	147.0	168.0	167.4	181.8
Production 1,000 bu	236,670	325,920	13,617,261	15,278,202
Hay, alfalfa				
Harvested 1,000 acres	550	550	16,743	16,352
Yield Tons	2.50	2.10	3.28	3.16
Production 1,000 tons	1,375	1,155	54,875	51,660
Hay, other				
Harvested 1,000 acres	230	230	35,682	36,029
Yield Tons	2.10	1.90	2.07	2.04
Production 1,000 tons	483	437	73,989	73,590
Oats				
Planted 1,000 acres	70	70	2,810	3,134
Harvested 1,000 acres	25	35	826	998
Yield Bushels	57	59	64	65.0
Production 1,000 bu	1,425	2,065	53,148	64,907
Soybeans				
Planted 1,000 acres	1,760	2,300	76,100	83,825
Harvested 1,000 acres	1,720	2,290	74,951	83,020
Yield Bushels	40.5	51.0	47.4	53.3
Production 1,000 bu	69,660	116,790	3,552,241	4,424,800
Sugarbeets				
Planted 1,000 acres	146.0	154.0	1,132.0	1,147.9
Harvested 1,000 acres	145.0	152.0	979.3	1,126.8
Yield Tons	28.6	29.6	29.2	31.4
Production 1,000 tons	4,147	4,499	28,600	35,393
Wheat, winter				
Planted 1,000 acres	540	530	31,159	30,550
Harvested 1,000 acres	480	480	24,327	23,439
Yield Bushels	71	77	54	51.1
Production 1,000 bu	34,080	36,960	1,304,003	1,198,362

Chickens and Eggs

All layers in Michigan totaled 14.4 million during June, down 5 percent from a year ago. Egg production totaled 347 million eggs, down 8 percent from last year. The rate of lay during June was 2,406 eggs per 100 layers. All layers in the

U.S. totaled 382.4 million during June, down 3 percent from a year ago. There were 23.9 million turkey poults hatched in the U.S. in June, up 4 percent from the previous year.

Egg and Hatchery Production - Michigan and United States: June 2019 and 2020

Item	2019	2020	Percent Change
Michigan			
All layersthousand	15,210	14,429	-5
Eggs per hundred layers number	2,477	2,406	-3
Eggs produced million	377	347	-8
U.S.			
All Layersthousand	394,862	382,430	-3
Eggs per hundred layers number	2,334	2,304	-1
Eggs produced million	9,215	8,811	-4
Turkey Eggs in incubators, Jul 1thousand	28,990	27,695	-4
Turkey Poults hatched, Junthousand	22,845	23,852	4

June Agricultural Prices

Prices received by Michigan farmers for the full month of June 2020 are listed in the table below. Some Michigan highlights were: June corn, at \$3.31 per bushel, decreased \$0.19 from May and decreased \$1.00 from last year; June wheat, at \$5.19 per bushel, decreased \$0.36 from May and decreased \$0.07 from last year; June milk, at \$14.80 per cwt., increased \$2.70 from last month but decreased \$2.10 from last year.

The June Prices Received Index 2011 Base (Agricultural Production), at 89.2, increased 1.0 percent from May but decreased 4.9 percent from June 2019. At 91.8, the Crop

Production Index was down 3.3 percent from last month but up 2.1 percent from the previous year. The Livestock Production Index, at 86.7, increased 5.0 percent from May, but decreased 11 percent from June last year. Producers received higher prices during June for milk, oranges, broilers, and lettuce but lower prices for hogs, market eggs, cantaloupes, and corn. In addition to prices, the indexes are influenced by the volume change of commodities producers market. In June, there was increased monthly movement for wheat, hay, peaches, and cantaloupes and decreased marketing of strawberries, oranges, milk, and cattle.

Prices Received by Farmers¹ - Michigan and United States: June 2020 with Comparisons

Commodity	Michigan			United States		
	Jun 2019	May 2020	Jun 2020	Jun 2019	May 2020	Jun 2020
Beans, dry edibledollars/cwt	(D)	(D)	34.00	22.90	34.50	40.60
Corndollars/bu	4.31	3.50	3.31	3.98	3.20	3.16
Hay, alfalfadollars/ton	195.00	165.00	170.00	193.00	179.00	179.00
Hay, otherdollars/ton	130.00	110.00	120.00	146.00	131.00	128.00
Oatsdollars/bu	(D)	(D)	4.10	3.31	3.10	3.16
Soybeansdollars/bu	8.42	8.59	8.80	8.31	8.28	8.34
Wheat, winterdollars/bu	5.26	5.55	5.19	4.77	4.84	4.44
Milk, alldollars/cwt	16.90	12.10	14.80	18.10	13.60	18.10

(D) Withheld to avoid disclosing data for individual operations.

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Michigan produced 965 million pounds of milk during June, down 0.6 percent from a year ago. Production per cow in Michigan averaged 2,260 pounds for June, 25 pounds below June 2019. The dairy herd was estimated at 427,000 head for June, up 2,000 head from a year earlier. The average price of milk sold in June by Michigan dairy producers was \$14.80 per cwt., \$2.10 less than the price in June 2019.

Milk Cows, Production, and Price – Michigan: June 2019 and 2020

Item	2019	2020
Cows 1,000 hd	425	427
Milk per cow lbs/month	2,285	2,260
Production mil lbs	971	965
Milk price, all dol/cwt	16.90	14.80
Fat test pct	3.70	3.68
Protein ¹ pct	3.05	3.06

¹ FMO 33

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Thank You to our Data Partners

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!

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